

Figure 1

MPGIVVFRRRWSVGSDDLVLPAIFLFLHHTTFVILSVVLFGLVYNPHEACSLNLVDHGRGYLGILLSCMIAEMA
IIWLSMRGGILYTEPRDSMQYVLYVRLAILVIEFIYAIVGIVWLTQYYTSCNDLTAKNVTLMVVCNWVILSVC
ITVLCVFDPTGRTFVKLRATKRRQRNLRTYNLRHRLEEGQATSWSRRLKVFLCCTRTKDSQSDAYSEIAYLFAEF
FRDLDIVPSDIIAGLVLLRQRQRAKRNAVLDEANNDILAFLSGMPVTRNTKYLDLKNSEQMLRYKEVCYYMLFAL
AAYGWPMYLMRKPAACGLCQLARSCSCCLCPARPRFAPGVTIEEDNCCGCNAIAIRRHFLDENMTAVDIVYTSCHD
AVYETPFYVAVDHDKKKVVISIRGTLSPKDALTDLTGDAERLPVEGHHGTWLGHKGMVLSAEYIKKKLEQEMVLS
QAFGRDLGRGTKHYGLIVVGHSLGAGTAAILSFLLRPQYPTLKCFAYSPPGGLLEDAMEYSKEFVTAVVLGKDL
VPRIGLSQLEGFRRQLLDVLQRSTKPKWRIIVGATKCIKSELPEEVEVTTLASTRLWTHPSDLTIALSASTPLY
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AAKVMVSPTEVDLTPELIFQQQPLPTGPPMPTGLALELPTADHRNSSVRSKSQSEMSLEGFSEGRLLSPVAAAA
RQDPVELLLLSTQERLAAELQARRAPLATMESLSDTESLYSFDSSRRSSGFRSIRGSPSLHAVLERDEGHLFYIDP
AIP EENPSLSRTELLAADSLSKHSQDTQPLEAALGSGGVTPERPSSAAANDEEEVGGGGGGPASRGELALHNG
RLGDSPSPQVLEFAEFIDSLFNLDKSSSFQDLYCMVVPESPTSDYAEGPKSPSQEILLRAQFEPNLVPKPPRL
FAGSADPSSGISLSPSFPLSSSGELMDLTPTGLSSQECLAADKIRTSTPTGHGASPAKQDELVISAR

Figure 2

1 ggccttgggg agcccaggat ggaggtggcg gtcgcgccgg cgggcccagc cctgcggcgg
61 gcgggaggag gtgagcacca ggcccactga gcctctgcag agccaccagc catgcccggg
121 atcgtggtgt tccggcgccg ctgggtctgt ggcagtgatg acctcgctct accagccatc
181 ttctctcttc tctgcatac cacctggttt gtgacctctg ccgtgggtgt cttcggcctg
241 gtctataacc cgcacgaggc ctgctccctg aacctgggtg accacggccg cggctacctg
301 ggcacacctg tgagctgcat gatcgctgag atggccatca tctggctgag catgcgcggg
361 ggcacacctt acacggagcc ccgtgactcc atgcagtacg tgctctacgt gcgcctggcc
421 atcctggtga tcgagttcat ctacgccatc gtgggcatcg tctggctcac tcagtactac
481 acctcctgca acgacctcac tgccaagaat gtcacctcgc gaatggttgt ctgcaactgg
541 gtagtcatcc tcagtgtgtg catcactgtc ctctgcgtct tcgacccac gggccgcacc
601 tttgtcaagc tgagagccac caagaggagg cagcgtaacc tgcggaccta caacctgcgg
661 caccgcttag aggaggttca agccaccagc tggtcgcgcc ggctcaaagt gttcctctgc
721 tgcacgcgga cgaaggactc ccagtcagat gcctactcag aaatcgcta cctctttgcg
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901 gccttctctg ctgggatgcc ggtgaccaga aacaccaagt acctcgacct caagaattca
961 caagagatgc tccgctacaa agaggtctgc tactacatgc tctttgccct ggctgcctac
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1081 tgctcgtggt gcctgtgtcc tgcgaggccg cggttcgccc ctggagtcac catcgaggaa
1141 gacaactgct gtggctgtaa tgccattgcc atccggcgcc acttcctgga cgagaacatg
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1321 aaggatgccc tgactgacct gacgggtgat gctgagcgcc tccccgtgga ggggcaccac
1381 ggacacctggc tgggccacaa gggataggtc ctctcagctg agtacatcaa gaagaaactg
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1501 tacggcctga ttgtgggtgg ccactccctg ggcgcgggca ctgctgcat cctctccttc
1561 cttctgcgcc cacagtatcc gacctcaag tgctttgcct actccccgcc agggggcctg
1621 ctgagtgagg atgcaatgga gtattccaag gaggctcgtga ctgctgtggt tctgggcaaa
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1741 gtccctgcagc gaagcaccaa gcccaaatgg cggatcatcg tgggggccac caaatgcac
1801 cccaagtcgg agctgcctga ggaggtagag gtgaccaccc tggccagcac gcggctctgg
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1921 cgcacatcatc acgtgggtcca caaccacct gcagagcagt gctgctgctg tgagcaggag
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2221 cccatgccc ctggccttgc cctggagctg ccgactgcag accaccgcaa cagcagcgtc
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2461 tcggacactg agtccctgta cagcttcgac tcgcgcgcgt cctcaggctt ccgagcactc
2521 cggggctccc ccagcctcca cgctgtgctg gagcgtgatg aaggccacct cttctacatt
2581 gacctgcca tccccgagga aaacccatcc ctgagctcgc gactgagct gctggcgcc
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2701 ggcgtcactc ctgagcgccc cccagtgct gcggccaatg acgaggagga agaggttgcc
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2821 gactcgcaca gtcctcaggt gctggaattc gccgagttca tcgacagcct cttcaacctg
2881 gacagcaaga gcagctcctt ccaagacctc tactgcatgg tgggtggcga gagccccacc

Figure 2 (continued)

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2941 agtgactacg ctgagggccc caagtccccc agccagcaag agatcctgct ccgtgcccag
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3061 tcgggcatct cactctcgcc ctccctcccg ctccagctcct cgggtgagct catggacctg
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3241 caccaccagtt gcgtggccag ccggggccag gcaggagcag gtggccctgt gggcacctgg
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3361 acaggcatcg ctgctgagct gggggtccgc atccctacct cagcttagga ccccagagc
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3961 gcaccagggc ctgccctgcc tggctggctc ttctggctt accttctacc cccaaggatc
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Figure 3

